

Application No.: 09/877,645  
Applicant : CABEDO-DESLIERRES et al.  
Examiner : Shay L. Balsis  
Amdt. Dated May 12, 2004  
Reply to Off. Action mailed 02/13/2004

**Claims:** ( Clean Version )

- Claim 1. A toothbrush comprising a conventional family of bristles at one end for brushing the teeth , and a double parallel cylindrical handle at the other end, for grasping the toothbrush, and wherein internal recess chambers hold an interdental hard brush and a periodontal gum massager stimulator tip, or any other combination of periodontal tools, thus providing multiple dental tools in one assemblage, comprising,
- a. said two recess chambers that are cylindrical within the handle for holding and guiding the said periodontal tools as they extend for use, and retract for protection while not in use,
  - b. two identical sliders that slide within said recess chambers and that have extension tubes attached to each of their two end terminations,
  - c. two external buttons that travel in two slots that engage said sliders, and can be moved horizontally by finger movement,
  - d. said slots in the wall of said recess chambers which control the movement of said buttons, that are keyed to said sliders, through said slots,

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cont. of **Claims** ( Clean Version)

- e. said slots in the wall of said recess chambers that guide said buttons movement, and define the travel length of said buttons and said sliders, and positions said buttons for initial start and final extend positions,
- f. said extension tubes that are attached to said sliders, and move them by being keyed to said buttons, and can extend out of the end of said recess chambers a distance equivalent to the length of said slots in said recess chambers,
- g. said extension tubes that can hold and retain on their end termination an interdental hard brush, a gum massager stimulator tip or other periodontal tools,
- h. said recess chambers that contain hinged close-out covers at their end terminations to inhibit and prevent contamination from entering while said periodontal tools are not in use.

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